

ABSTRACT

A computer implemented application development (authoring) system permits objects (such as VBX custom controls) to be graphically inserted into the program under development by dragging and dropping associated icons into one of four views.

5 The properties associated with the object may then be assigned settings. Development of a complete application is accomplished by visually arranging, ordering, and interconnecting the objects without the necessity of writing any code. The four views of Output, Map, Multitrack, and Workform may be synchronized so that changes made to the program in one view are simultaneously reflected in all other
10 views. The system generates as output a script listing the objects and their properties which is then executed by a separate run time program. The system permits use of objects written to a standard specification and the addition at any time of additional objects written to that. Integration of the objects into the system is achieved by wrapping each object in an "envelope" of system specific properties.
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